

United States Department of Agriculture

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

JULY, 1927

This publication is issued monthly for the dissemination of information, instructions, ruling, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

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CHANGES IN DIRECTORY

Meat Inspection Granted

- 237. Renno Packing Co., 113 East Byrd Street, Richmond, Va.
- *919. Vermont Packing Co., North Walpole, N. H.

Meat Inspection Withdrawn

- *64-A. Independent Packing Co., Chicago, Ill.
- 216. Lotz Bros., Philadelphia, Pa.
- 236. Southern Brunswick Stew Co., Greenville, Ala.
- 264. The Southern Cotton Oil Co., Savannah, Ga.
- 377-A. Shafer & Co., Baltimore, Md.
- *798. Marion Packing Co., Marion, Ohio.
- *995. Louisville Provision Co., Louisville, Ky.
- *1002. Williams & Gettys, Athens, Tenn.

Meat Inspection Extended

- *6-A. Swift & Co., Chicago, Ill., to include the Independent Packing Co.

Change in Name of Official Establishment

- *478. Eldridge Packing Co., Second and Lyons Streets, Kansas City, Kans., instead of Kansas City Packing Co.

* Conducts slaughtering.

Station Added

North Walpole, N. H., meat inspection. Dr. E. S. Ring, care Vermont Packing Co., in charge.

Stations Discontinued

Greenville, Ala., meat inspection.
Marion, Ohio, meat inspection.

Remove Names from List of Officials

A. W. Everett, Greenville, Ala.
Dr. F. E. Theobald, Marion, Ohio.

NOTICE REGARDING MEAT INSPECTION**NECESSITY FOR CARE IN HANDLING AND USE OF SODIUM NITRITE**

Attention is directed to the necessity for care in the handling and use of sodium nitrite. The properties of sodium nitrite are such that meat may be damaged or rendered unwholesome by excess. Accordingly, establishments using sodium nitrite or proprietary mixtures containing it must take such precautions as will insure safety. Supplies of sodium nitrite, or nitrite mixtures, must be kept securely under the care of a responsible employee. Mixtures and solutions containing sodium nitrite must be known to contain a definite quantity of nitrite. All cures containing sodium nitrite must be thoroughly mixed. Employees in general, and new employees in particular, must be systematically cautioned against misuse of nitrite. Inspectors in charge of meat inspection will see that satisfactory precautions against misuse are taken in establishments under their jurisdiction and check any misuse or excess. Curing mixtures suspected of containing excessive quantities of nitrite will be rejected and any meats suspected of containing too much nitrite will be retained pending laboratory report. Any persistent carelessness or laxity will be brought to the attention of the bureau for action.

**ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION,
JUNE, 1927**

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore.....	6,246	1,539	1,923	-----	61,674
Brooklyn.....	6,635	8,804	28,556	1	-----
Buffalo.....	9,513	3,533	7,631	-----	79,071
Chicago.....	168,576	58,378	208,393	1	628,576
Cincinnati.....	11,801	8,813	5,590	4	83,151
Cleveland.....	8,377	10,220	10,785	-----	89,118
Denver.....	8,526	1,889	12,544	-----	26,915
Detroit.....	8,159	9,111	5,519	1	99,748
Fort Worth.....	40,257	26,387	21,673	131	27,251
Indianapolis.....	16,884	5,375	5,141	4	153,312
Kansas City.....	78,380	24,382	114,134	143	245,398
Milwaukee.....	13,855	38,057	4,018	-----	142,627
National Stock Yards.....	31,187	9,187	74,710	14	156,359
New York.....	25,950	47,193	148,556	-----	104,737
Omaha.....	89,622	6,027	126,426	27	217,663
Philadelphia.....	7,782	11,500	18,251	1	80,617
St. Louis.....	14,728	7,463	12,458	6	199,361
Sioux City.....	36,687	2,423	10,054	-----	162,007
South St. Joseph.....	32,404	7,497	80,335	8	127,704
South St. Paul.....	34,228	57,333	7,481	-----	205,786
Wichita.....	6,142	2,301	6,544	5	56,973
All other establishments.....	142,817	82,167	147,428	366	1,304,575
Total: June, 1927.....	798,816	429,579	1,058,150	712	4,252,623
June, 1926.....	852,115	480,273	1,080,866	1,499	3,429,508
12 months ended June, 1927.....	10,049,589	5,080,062	12,894,016	30,437	42,650,443
12 months ended June, 1926.....	10,098,121	5,311,774	12,354,225	42,774	40,442,730

Horses slaughtered at all establishments, June, 1927, 6,041.

Inspections of lard at all establishments, 174,808,143 inspection pounds; compound and other substitutes 39,710,550 inspection pounds; sausage chopped, 66,107,636 inspection pounds.

Corresponding Inspections for June, 1926: Lard, 143,802,353 inspection pounds; compound and other substitutes, 40,813,977 inspection pounds; sausage chopped, 67,935,688 inspection pounds.

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

**EXTENT OF TUBERCULOSIS IN ANIMALS SLAUGHTERED AT THREE
IMPORTANT MARKETS, JUNE, 1927**

Station	Total slaughter	Retained for tuberculosis		
		Total	Passed for sterilization	Con- demned
Cattle:				
Chicago.....	168,576	7,964	134	1,074
Kansas City.....	78,380	350	24	63
Omaha.....	89,622	735	50	89
Swine:				
Chicago.....	628,576	97,389	1,724	1,694
Kansas City.....	245,398	14,399	321	204
Omaha.....	217,663	28,769	307	335

CAUSES OF CONDEMNATION OF CARCASSES, MAY, 1927

Cause	Cattle	Calves	Sheep	Swine
Emaciation.....	617	144	190	112
Hog cholera.....				1,431
Inflammatory diseases.....	746	175	311	2,283
Immaturity.....		203		
Tuberculosis.....	3,878	63		5,667
All other causes.....	797	225	460	3,532
Total.....	6,038	810	961	13,025

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during June, 1927, with figures for other periods of comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	10,712		801	
Canada.....	14,962	8,268	254	1
Channel Islands.....	89			
Virgin Islands (to Porto Rico).....	72			
Total: June, 1927.....	25,835	8,268	1,055	1
June, 1926.....	20,778	2,630	2,148	3
12 months ended June, 1927.....	357,849	219,958	51,834	82
12 months ended June, 1926.....	200,978	32,130	62,646	82

Imported meats and meat food products

Country of export	Fresh and refrigerated		Canned and cured	Other products	Total weight
	Beef	Other			
	Pounds	Pounds	Pounds	Pounds	Pounds
Argentina			1,314,134	117,140	1,431,274
Australia		9,292		2,127	11,419
Brazil			927,923		927,923
Canada	791,020	1,973,767	858,545	219,820	3,843,152
Uruguay			2,414,589		2,414,589
Other countries		56,580	278,048	71,307	405,935
Total: June, 1927	791,020	2,039,639	5,793,239	410,394	9,034,292
June, 1926	415,409	1,411,708	2,188,165	208,325	4,223,607
12 months ended June, 1927	15,426,343	23,100,167	43,652,326	4,455,336	86,634,172
12 months ended June, 1926	9,975,359	12,402,230	19,258,401	3,144,968	44,780,958

Condemned in June, 1927: Beef, 1,805 pounds; veal, 87 pounds; pork, 567 pounds; total, 2,459 pounds.
 Refused entry: Pork, 95 pounds.

FOREIGN MEAT-INSPECTION OFFICIALS

The following are additional names and facsimile signatures of foreign National Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name	Signature
BRAZIL M. Campos-----	
IRELAND S. R. J. Cussen-----	

**SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION
WITH STATES, JUNE, 1927**

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle re-acted	Once-tested, free herds	Accredited herds	Herds under supervision		
Ala.	415	4,088	1	4,198	234	6,109	R. E. Jackson	C. A. Cary, Auburn.
Ariz.	340	4,074	42	7,319	29	7,353	F. L. Schneider	S. E. Douglas, Phoenix.
Ark.	115	1,702	6	2,886	19	4,629	H. L. Fry	J. H. Bux, Little Rock.
Calif.	89	4,314	128	4,205	118	4,329	R. Snyder	J. P. Iverson, Sacramento.
Colo.	47	1,338	25	2,336	134	2,699	W. E. Howe	C. G. Lamb, Denver.
Conn.	1,097	9,079	1,842	1,560	1,255	3,562	R. L. Smith	J. M. Whittlesey, Hartford.
Del.	49	491	96	2,618	1,473	4,752	W. G. Middleton	O. A. Newton, Bridgeville.
D. C.				253	26	286	J. A. Kiernan	
Fla.	128	3,735	37	6,776	412	7,627	J. G. Fish	J. V. Knapp, Tallahassee.
Ga.	403	2,690	1	4,605	36	4,772	A. L. Hirleman	J. M. Sutton, Atlanta.
Idaho	490	4,690	13	26,124	59	29,398	W. A. Sullivan	A. J. Dickman, Boise.
Ill.	6,514	60,925	1,359	108,648	1,208	122,043	J. J. Lintner	F. A. Laird, Springfield.
Ind.	4,502	31,241	186	76,501	28,653	111,297	J. E. Gibson	Frank H. Brown, Indianapolis.
Iowa	3,999	64,694	1,707	81,484	7,377	140,156	J. A. Barger	M. G. Thornburg, Des Moines.
Kans.	344	6,358	50	47,770	978	49,581	N. L. Townsend	J. H. Mercer, Topeka.
Ky.	1,535	8,060	47	60,804	59	61,148	W. F. Biles	D. E. Westmoreland, Frankfort.
La.	436	5,457	74	5,403	28	5,751	G. T. Cole	E. P. Flower, Baton Rouge.
Me.	1,555	7,447	30	25,959	5,319	32,491	G. R. Caldwell	H. M. Tucker, Augusta.
Md.	724	7,431	527	8,387	4,058	19,129	E. B. Simonds	James B. George, Baltimore.
Mass.	252	3,737	446	1,314	480	2,727	E. A. Crossman	F. B. Cummings, Boston.
Mich.	6,628	57,299	1,677	121,279	89	125,964	T. S. Rich	H. W. Norton, Jr., Lansing.
Minn.	6,741	154,231	3,303	37,948	8,260	48,165	W. J. Fretz	C. E. Cotton, St. Paul.
Miss.	533	4,543	10	3,765	88	3,853	H. Robbins	R. V. Rafnel, Jackson.
Mo.	245	2,791	30	58,184	950	61,572	Ralph Graham	H. A. Wilson, Jefferson City.
Mont.	1,161	19,041	32	25,939	90	26,561	J. W. Murdoch	W. J. Butler, Helena.
Nebr.	1,815	25,485	325	48,613	110	49,341	A. H. Francis	C. H. Hays, Lincoln.
Nev.	111	1,645	11	1,003	10	1,203	C. L. Butterfield	Edward Records, Reno.
N. H.	367	4,484	533	2,525	2,517	5,144	E. A. Crossman	A. L. Felker, Concord.
N. J.	479	3,847	569	2,453	1,357	3,990	W. G. Middleton	J. H. McNeil, Trenton.
N. Mex.	2	27	0	165	13	178	F. L. Schneider	Mat. Keenan, Albuquerque.
N. Y.	7,390	79,280	4,217	41,703	36,415	94,571	H. B. Leonard	E. T. Faulder, Albany.
N. C.	3,305	11,646	21	227,832	318	228,431	W. C. Dendinger	Wm. Moore, Raleigh.
N. Dak.	1,499	26,562	300	34,635	4,486	43,693	H. H. Cohenour	W. F. Creve, Bismarck.
Ohio	5,097	34,665	1,022	114,635	644	121,090	A. J. De Fosset	F. A. Zimmer, Columbus.
Oklahoma	34	3,092	15	136	229	385	L. J. Allen	C. C. Hisel, Oklahoma City.
Oreg.	1,883	12,499	78	23,516	419	23,964	S. B. Foster	W. H. Lytle, Salem.
Pa.	7,507	50,041	3,160	73,032	4,081	90,297	J. B. Reidy	T. E. Munce, Harrisburg.
R. I.	38	965	121	83	46	246	E. A. Crossman	T. E. Robinson, Providence.
S. C.	1,636	4,928	10	24,300	151	24,584	W. K. Lewis	W. K. Lewis, Columbia.
S. Dak.	392	7,867	135	8,228	824	9,340	J. O. Wilson	M. W. Ray, Pierre.
Tenn.	217	3,301	5	19,363	319	19,823	H. M. O'Rear	W. B. Lincoln, Nashville.
Tex.	39	1,984	18	76	180	319	H. L. Darby	N. F. Williams, Fort Worth.
Utah	899	5,465	44	10,516	97	11,512	F. E. Murray	W. H. Hendricks, Salt Lake City.
Vt.	667	9,239	464	2,739	4,595	10,387	L. H. Adams	Edward H. Jones, Montpelier.
Va.	1,247	4,986	33	8,959	2,106	11,384	R. E. Brookbank	H. C. Givens, Richmond.
Wash.	1,860	12,533	290	32,877	65	34,636	J. C. Exline	Robert Prior, Olympia.
W. Va.	1,352	5,394	19	22,065	968	23,391	H. M. Newton	John W. Smith, Charleston.
Wis.	1,089	23,688	304	99,998	9,029	113,136	J. S. Healy	Walter A. Duffy, Madison.
Wyo.	97	1,660	9	7,741	5	8,880	John T. Dallas	H. D. Port, Cheyenne.
Hawaii ¹	21,635	49,264	1,062			1,635	L. E. Case	L. E. Case
Total	78,999	854,003	24,434	1,533,518	130,476	1,817,514		

¹ Hawaii: Includes testing done prior to 1927 not previously reported.

² Estimates.

**ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED
UNDER LICENSES**

	Total serum	Clear serum completed	Hyperimmune blood cleared	Simultaneous virus	Hyperimmunizing virus
June, 1927-----	C. c. 147,087,862	C. c. 70,596,320	C. c. 73,789,167	C. c. 10,917,002	C. c. 30,001,026
June, 1926-----	53,360,596	20,004,408	26,947,989	7,701,154	13,097,055
12 months ended June, 1927-----	1,288,418,911	530,264,896	555,858,151	63,937,062	277,884,604
12 months ended June, 1926-----	468,096,257	166,794,243	179,458,889	37,600,650	94,855,278

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS IN JUNE, 1927

License No. 3 was issued June 10, 1927, to the H. K. Mulford Co., Broad and Wallace Streets, Philadelphia, Pa., and Glen Olden, Pa., for johnin.

License No. 41 was issued June 2, 1927, to the Kinsley Laboratories (Inc.), 400-406 New Center Building, Fifteenth and Troost Streets, Kansas City, Mo., for hemorrhagic-septicemia bacterin.

License No. 122 was issued June 15, 1927, to the Haver-Glover Laboratories, 920-922 Broadway, Kansas City, Mo., for abortion mixed bacterin (equine); avian hemorrhagic-septicemia bacterin and hemorrhagic-septicemia bacterin.

License No. 158 was issued June 7, 1927, to the Globe Laboratories, Fostepco Heights, near Fort Worth, Tex., for keratitis mixed bacterin (bovine).

License No. 186 was issued June 13, 1927, to the Gochenour-Collins Laboratories (Inc.), near Glenmont, Md. (mailing address: 2130 P Street NW., Washington, D. C.), for mastitis mixed bacterin (bovine).

License No. 186 was issued June 15, 1927, to the Gochenour-Collins Laboratories (Inc.), near Glenmont, Md. (mailing address: 2130 P Street NW., Washington, D. C.), for polyvalent mixed bacterin (equine).

License No. 189 was issued June 10, 1927, to the Norden Laboratories, 227 North Ninth Street, Lincoln, Nebr., for abortion mixed bacterin (bovine); abortion mixed bacterin (swine); navel-ill mixed bacterin (equine); and white-scours mixed bacterin (bovine).

PERMITTED DISINFECTANT

In accordance with the provisions of B. A. I. Order 292, governing the interstate movement of livestock, the bureau has granted permission to Geo. H. Lee Co., Omaha, Nebr., for the distribution and use of "Crestall Dip" under the name of "Lee's 50% Cresol Solution," in the general disinfection of cars, yards, and other premises. "Lee's 50% Cresol Solution" is identical with "Crestall Dip", manufactured by Baird & McGuire (Inc.), Boston, Mass.

PERMITTED DIP FOR CATTLE FOR TICKS

The bureau has granted permission for the use of "Flag Brand" arsenical cattle dip, manufactured by the National Chemical Co., of California, 310 Sansome Street, San Francisco, Calif., in the official dipping of cattle for ticks. The dilution for dipping cattle for interstate movement is 1 gallon of dip to not more than 127 gallons of water. This will yield a solution containing not less than 0.22 per cent actual arsenious oxide.

PROMOTIONS AND STATION EXPENSES

A number of promotions were made on January 1, 1927, the middle of the last fiscal year. These promotions were made possible largely through the cancellation of the regular biennial meeting of inspectors of the Meat Inspection Division, which otherwise would have been held in June.

A larger number of promotions were likewise made on July 1, 1927, although no extra funds are available for promotions. In order to avoid a deficit at the end of the present fiscal year, it is necessary to ask inspectors in charge to reduce their station expenses so as to meet 50 per cent of the cost of these promotions.

For instance, at a station where the promotions amount to \$600 per annum the inspector in charge is requested to reduce the running expenses of his station by \$300 per annum, and the Washington office will make arrangements to provide the other 50 per cent.

This request would not be necessary if the bureau had received the additional funds that had been asked for to make promotions during the present fiscal year. It is realized that salaries of bureau employees should be increased, and this year the bureau will renew its request of last year for additional funds to be used for making promotions in 1928.

CONTRIBUTIONS FOR 1927 YEARBOOK

By direction of Secretary Jardine, the 1927 Yearbook of the department will be similar in style to the 1926 volume, recently issued. In making plans for the Bureau of Animal Industry's contributions to the 1927 Yearbook it seems desirable to include articles from members of its extensive field forces, thereby lending diversity to and widening the scope of its contributions.

For the guidance of officers in charge, as well as of authors of articles, the following suggestions are made:

It is proposed to include in the new volume a large number of short articles, each dealing with some particular discovery, research project, problem, or administrative function.

The length of articles is limited to 1,500 words as a maximum; contributions ranging between 500 and 1,000 words are preferred.

Articles which can be suitably illustrated should be accompanied by a few clear photographs or drawings.

Because of their brevity, contributions should not cover too much ground, but should carry a definite message of agricultural or general interest.

Popular style is a principal requirement in the Yearbook, which is intended primarily for the general reader rather than for the scientist or technician.

It is Secretary Jardine's desire that authors assume the responsibility of settling controversial points before their manuscripts are submitted for publication. The desirability of eliminating disputed points is emphasized, since changes in the proof are costly and also cause delay in publication.

Contributions should be transmitted through the chiefs of divisions not later than October 1, and preferably at an earlier date.

The 1926 Yearbook may be used as a general guide for the class of contributions desired. The Yearbook has wide distribution and is believed to be an excellent means of placing on record the results of important field activities as well as research and administrative functions of the bureau.

Though the publication of every article submitted for the Yearbook is not definitely assured, there is reasonable certainty that a large number of contributions can be accommodated. The department also has other outlets, such as its press service, and contacts with agricultural, trade, and scientific journals for articles that can not be included in the Yearbook. The bureau's field forces are believed to contain many good writers, and it is hoped that there will be a liberal response to this request for contributions to the 1927 Yearbook.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Fines and penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Livestock Quarantine Law

Chicago, Great Western Railroad Co., interstate transportation of cattle without tuberculin test, \$100 fine.

Minneapolis, St. Paul & Sault Ste. Marie Railway Co., interstate transportation of one dead hog in the same car with live animals, \$100 fine.

Twenty-eight Hour Law

Chicago & North Western Railway Co., \$100 penalty.

Indiana Harbor Belt Railroad Co., \$100 penalty.

Receiver of Chicago, Milwaukee & St. Paul Railway Co., \$100 penalty.

Southern Pacific Railroad Co., \$100 penalty.



3 1262 08852 8111

Meat Inspection Law

Swift & Co., Salt Lake City, Utah, offering uninspected meat for interstate shipment, \$50 fine.

David Myers, Philadelphia, Pa., same offense, \$25 fine.

NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 684 (revised). Squab Raising. By Alfred R. Lee, Animal Husbandry Division. Pp. 16, figs. 19.

The Swine Herdbook as a Source of Data for the Investigation of the Sex Ratio and Frequency of Sex Combinations in Pig Litters. By Hugh C. McPhee, Animal Husbandry Division. In Journal of Agricultural Research, vol. 34, No. 8, April 15, 1927. Key No. A-117. Pp. 715 to 726, fig. 1.

Anthelmintic Properties of Santonin. By Jacob E. Shillinger, Zoological Division. In Journal of Agricultural Research, vol. 34, No. 9, May 1, 1927. Key No. A-118. Pp. 839 to 845.

Amendment 27 to B. A. I. Order 294, placing the following-named counties in the modified accredited areas for a period of three years from July 1, 1927: Custer, Idaho; Marshall, Ind.; Reno and Stafford, Kans.; Hancock, Me.; Allegan, Berrien, Branch, Genesee, Manistee, Missaukee, Newaygo, and Van Buren, Mich.; Ravalli, Mont.; Dakota and Perkins, Nebr.; Clay, Carroll, Swain, and Washington, N. C.; Fulton, Ohio; Orange, Va.; Lewis, W. Va.; part of Orange, Vt.; part of Lamoille, Vt.; and Monroe, Ill. Charlevoix, Mich., and Guilford, N. C., have been reaccredited for three years from the same date. P. 1 (mimeographed).

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

Chief: JOHN R. MOHLER.

Administrative Assistant: CHARLES C. CARROLL.

Chief Clerk: J. R. COHRAN.

Editor: D. S. BURCH.

Animal Husbandry Division: E. W. SHEETS, chief.

Biochemic Division: M. DORSET, chief.

Division of Hog-Cholera Control: U. G. HOUCK, chief.

Division of Virus-Serum Control: D. I. SKIDMORE, chief.

Field Inspection Division: A. W. MILLER, chief.

Meat Inspection Division: R. P. STEDDOM, chief.

Pathological Division: JOHN S. BUCKLEY, chief.

Tick Eradication Division: R. A. RAMSAY, chief.

Tuberculosis Eradication Division: J. A. KIERNAN, chief.

Zoological Division: MAURICE C. HALL, chief.

Experiment Station: E. C. SCHROEDER, superintendent.

Office of Accounts: GEORGE F. TUCKER, in charge.

Office of Personnel: GEORGE H. RUSSELL, in charge.

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